

Description	Evaluation	likelihood	Impact	Responsibility	Control measures	Response
An SQL injection attack could breach user data	Could result in users' emails names and passwords being leaked.	Low	High	Matthew Vile	Encrypt user passwords in the data base. advise the user to not reuse passwords from other websites	Send an email to all users advising their account may be compromised so they may want to change their password if used elsewhere
An SQL injection attack could change the database	Could result in all data, including user information, being edited or deleted	Low	High	Matthew Vile	Prevent SQL injections by not allowing certain characters to be entered. Take regular backups of the database	Send an email to users advising, if their data is lost, They will need to re-create their accounts and any submissions
Could accidentally upload the user data base to Github	Could result in users' emails names and passwords being leaked.	Low	High	Matthew Vile	Ensure that Git ignores the SQL file so it doesn't get uploaded to Github. advise the user to not reuse passwords from other websites	Send an email to all users advising their account may be compromised so they may want to change their password if used elsewhere.
Developer computer could be hacked	Could result in unwanted information being leaked like users' emails, names and passwords.	Low	High	Matthew Vile	Ensure that antivirus is up to date and check regularly for any malware	Send an email to all users advising their account may be compromised so they may want to change their password if used elsewhere.
VM for SQL server goes down	Could result in temporary loss of users' data	Low	High	Google cloud platform	Take regular back-ups of database	Tell the user the database is only down temporarily so should be recovered and temporarily take down the server so no one is adding new data that may break the database when its back
VM for web server goes down	Could result in the website going down temporarily	Low	Low	Google cloud platform	Create a back-up instance that is identical, so can easily migrate quickly.	Tell the user that no data should be lost and the website should be running shortly

Could be affected by a drive by hack	Could result in any users being infected with malware that could steal personal/bank data	Low	Low	Matthew Vile	Ensure that antivirus is up to date and check regularly for any malware. Ensure all other systems are up to date and delete java if not being used	Advise the user that they should not visit the website until the drive by attack has been dealt with or they could get malware on their computer
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